

Freshwater Sediment Quality Guidelines (SQGs)

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- **Role in the RSET process**
- **Accommodating diverse agency perspectives, programs, and goals**
- **Current status of development**
- **Issues left to resolve**
- **Interim path forwards**

Freshwater SQGs

History

- One of the original objectives established for RSET
- Lack of Freshwater SQGs in previous regional dredging manuals – using marine SQGs
- Interim SEF values are based on 2003 draft Ecology freshwater SQGs

Freshwater SQGs

Comments received on Interim Freshwater SQGs:

- Methodology for SQG derivation
- Lack of chronic endpoints in database
- Protection of ESA species
- Statistical reliability
- Inclusion of additional freshwater sediment data (Portland Harbor, Lake Roosevelt, etc.)
- PAH/TPH/petroleum issues

Freshwater SQGs

Path Forward:

- Reconvene Sediment Quality Guidelines Subcommittee
- Reconcile programmatic needs of Ecology, DEQ, ESA agencies
- Collect new data, including chronic data with more geographic diversity
- Agree on procedures and automate calculations
- Recalculate freshwater SQGs

Freshwater SQGs

Progress and timeline:

- Funding obtained from Ecology, DEQ, Corps
- SQG Subcommittee worked through methodological issues during Spring of 2007
- PAH/petroleum workshop held and approach identified
- Data gathering nearly complete, QA underway
- Automation of Floating Percentile Method in progress
- Initial data runs will occur in late fall with peer review and subsequent runs over the winter
- Presentation at SMARM '08 for adoption, other public outreach to be considered
- SEF updates and publication

Freshwater SQGs

Interim Guidelines:

- As presented in SEF
- View “Interagency Cooperation Plan” (ICP) at RSET website for specific agency implementation guidelines for SQGs until new SQGs are published
- <http://www.nws.usace.army.mil/PublicMenu/Menu.cfm?sitename=dmmo&pagename=RSET>